

PTG-520[®] Carbon Filtration System

Compact Carbon Filtration System for Portable RO Systems

Dialysis providers have long appealed to water system suppliers to develop a carbon filtration alternative that will ensure chlorine and chloramines are fully and reliably removed prior to the RO system in a configuration that is effective and convenient.

The compact PTG-520 Carbon Filtration System is a new option that is now available to owners of portable RO systems. The PTG-520 system is lighter, has a lower profile and is cost effective. The PTG-520 carbon block filter has been tested to meet specific regulations pertaining to the use of carbon as detailed in ANSI/AAMI 23500, specifically Annex F & G. The Carbon Filtration System includes 2 carbon block filters in series and is engineered and manufactured to be clean by design.

Standard Features

- Ease of Use - 85% lighter design results in less strenuous cart movement*
- Compact Design - Low profile Carbon Filtration System increases cart stability
- Retrofittable - Carbon Filtration System can be retrofitted on your existing M1, M2 or Ergo cart or docking station
- Cost Effective Performance - Change out schedule should result in less costly operation and eliminate need for onsite service
- Reliability - Chlorine & Chloramine removal guidelines allow for flexible replacement options without compromising performance
- Cleaner – Regular change out results in less potential bacteria buildup in the carbon filter



Close Up View of the PTG-520 System



PTG-520 System Attached to Ergo Cart

* when compared with (2) 0.85 cu. ft. carbon tanks.

Technical Data

PTG-520 Carbon Filtration Specifications	
Feed Water Supply	
Feed Flow	Max 1.1 gpm
Feed Pressure	Min 20 psi Max 80 psi
Differential Pressure	Max 15 psi
Temperature	35-100°F
Inlet Connection	3/8" x 5/8" OD Braided Hose
Cartridge Specifications	
Cartridge Dimensions	5 1/2" x 20 3/4"
Dry Weight	5 lbs
Micron Rating	1 micron
Chloramine Removal Capacity	30,000 gallons at 1.1 gpm & 3.0 ppm chloramine
Materials of Construction of Cartridge & Housing	
Endcaps	Polypropylene
Netting	Polypropylene
O-Ring, Filter	Santoprene
O-Ring, Housing	BUNA-N
Housing	White Polypropylene

Part Numbers	
Cartridge	3027145
O-Ring, Housing	285-85-003
Carbon Filter Kit*	3027335
* This kit is intended for use with existing M1, M2 or Ergo cart or docking station and includes 2 housings, 2 carbon cartridges, support bracket, 2 pressure gauges, 2 sample valves, and interconnecting piping.	

PTG-520® is a registered trademark of Mar Cor Purification.



Mar Cor Purification 4450 Township Line Road Skipack, PA 19474-1429 Tel: (484) 991-0220 Toll Free: (800) 346-0365 Fax: (484) 991-0230	Mar Cor Purification 14550 28th Avenue North Plymouth, MN 55447 Tel: (484) 991-0220 Toll Free: (800) 633-3080 Fax: (763) 210-3868	Mar Cor Purification 3250 Harvester Road - Unit 6 Burlington, ON L7N 3W9 Tel: (905) 639-7025 Toll Free: (800) 268-5035 Fax: (905) 639-0425	Mar Cor Purification Sourethweg 11 6422 PC Heerlen The Netherlands Tel: (+31) 45 5471 471 Fax: (+31) 45 5429 695	Mar Cor Purification 1A International Business Park, #05-01 Singapore 609933 Tel: (+65) 6227 9698 Fax: (+65) 6225 6848
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